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TCS-2270/65
10 March 1965

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THE TECHNICAL INTELLIGENCE DIVISION
MONTHLY REPORT FOR FEBRUARY 1965

TID

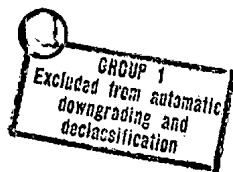
1. The Division Mission and Functions were reviewed and proposed changes submitted reflecting current responsibilities and activities. Briefing boards and other data were assembled in preparation for the IG review. Drafts of job descriptions are being prepared, outlining the duties and responsibilities of each position in the division.

50X1 2. [] attended the Agency mid-career training course. Upon his return, he was made Deputy Branch Chief, Technical Services
50X1 Branch. [] was appointed acting chief of the Production
50X1 Section vice [] During February [] transferred
50X1 to P&DS and two persons joined the Division, [] in TSB
50X1 and [] in TAB.

3. The TID training program continued at a high level with about one half the Division personnel enrolled in internal or evening courses. The advanced photogrammetry course was hampered by several class postponements due to illness of the instructor and urgent work within the Division. [] who is studying photogrammetry full time at
50X1 [] obtained commendable grades in his first semester's
50X1 work.

4. Action has been taken on all but one major item for contract or purchase in FY-1965. A staff study for the remaining item is being written for submission by the middle of March.

5. The Division has reviewed its files in an attempt to reduce the quantity of material retained. As a result considerable material was destroyed, certain files consolidated, duplication reduced and a system inaugurated for the periodic destruction of various material after specified intervals of time.

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TCS-2270/65

6. A group of TID and PSD personnel visited the processing facilities at Westover, AFB. Both the environment and the equipment are Class A.

TAB

1. A large number of measurement projects were received in February as a result of the highly successful KH-4 and KH-7 missions in January. OAK support, particularly for Mission 4015, was an all time high requiring a total of 2,326 instrument pointings and 20 man days of work. Mission 1016 OAK support required 860 pointings and 7.5 man days effort. The quantity of national projects, many with urgent deadlines, did not permit much time for working on PID projects, thus a large backlog of departmental projects developed. Considerable overtime was worked in February in an effort to complete projects on time and to keep the build up of a backlog to a minimum.

2. With the aid of Autometric contract personnel, the backlog of frame ephemerides was considerably reduced. Several ephemerides were published and several others are in IPD for processing and print out.

3. TAB and IPD personnel engaged in several meetings to coordinate requirements, formats, timing, etc., regarding measurement, on-line, ephemerides and other items of mutual concern. TAB personnel also participated in several meetings with IPD and operational representatives on the transmission of data via 1004 data link. Considerable progress is being made in this area which should prove very beneficial to the Center.

4. For the first time NPIC has been given the opportunity to submit requirements governing the collection of [redacted] 50X1
[redacted] TAB prepared requirements and instructions for the collection of [redacted] 50X1
After many sad experiences, maybe our cry has been heard and future exploitation of [redacted] 50X1
will be more successful and less harrowing.

5. The Branch has established an equipment malfunction reporting system. In addition to promoting prompt repairs, the system should provide P&DS information helpful in its maintenance and repair program.

- 2 -

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TCS-2270/65

6. The Analysis Section has several Technical Manuals in preparation and is analysing several of the many DOD and AF camera systems including radar and infrared systems. A study was made, coordination with AMS and ACIC conducted and comments submitted regarding a proposed change in the S/I pointing angle on both the KH-4 and KH-7 systems to reduce flare degradations.

7. Mathematical derivations for the four-photo block adjustment were prepared and discussed with IPD personnel. This will provide for stereo-measurements of both horizontal and vertical distances. The mathematical derivations will soon be submitted to IPD for programming.

8. The use of density cuts has resulted in outstanding improvements in mensuration. Experiments in density cuts were conducted and a system developed under the guidance of the Mensuration Sub-Committee.

9. Number of instrument pointings:

<u>February</u>	<u>1965</u>
21,612	66,425

TSB

1. A total of 20 missions were analyzed in February involving 1,230 cans of film. Fifteen KH-missions are in various stages of evaluation. The joint PD-TID efforts to expedite and streamline the preparation of Photographic Evaluation Reports have begun to produce results. A number of PERs are in the final stages of preparation in PD and are expected to be published in March.

2. TSB personnel participated in several meetings with operation and contractor representatives. Numerous briefings were conducted for visiting personnel on Branch activities, primarily the evaluation of operational and test photography. The special analysis of soft spots on KH-4 photography is progressing and a meeting with contractor representatives will be called in March to review results to date.

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3. The Satellite Reconnaissance Coverage Statistics Report for the period July-December 1964 has been distributed. Work continues on the assembling of data, preparation of data for computer input, and coordination with IPD for a similar Coverage Statistical Report for TALENT photography.

4. Increased requests for plots and coverage data on photography over the U.S. has necessitated a program to prepare Mission Coverage Plots of domestic coverage. Several plots have been prepared and disseminated. An evaluation of KH-4 and KH-7 coverage of selected domestic military installations was conducted in support of P&DS.

5. The Macbeth Density study has been completed and a report will be published soon. This will assist in the exposure criteria study being conducted under auspices of the (S) NRO.

6. Production Figures

	<u>February</u>	<u>1965</u>
Frames plotted	29,647	106,419
Sq. n.m. of photo. plotted	5,088,200	31,250,358
Coverage plots	434	1,182
Cuba plots	5	13
MCP	3	5
MCPS	25	33
Evaluations	6	19
Photo Mosaic Indexes	534	1,170

50X1

Chief, Technical Intelligence Division

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- 4 -

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